

General content of the SOER in the SR

FOREWORD

BASIC INFORMATION OF THE SLOVAK REPUBLIC

SUMMARY EVALUATION OF THE ENVIRONMENTAL SITUATION IN THE SLOVAK REPUBLIC

COMPONENTS OF THE ENVIRONMENT AND THEIR PROTECTION

AIR

Key questions and key findings
Emission situation
Air pollution situation
Threatening of the ozone layer of the Earth

WATER

Key questions and key findings
Surface water
Ground water
Supplying citizens by drinking water
Waste water discharging and treatment
Bathing water

ROCKS

Key questions and key findings
Geological factors of the environment
Geothermal energy
Old mining works
Mineral resources

SOIL

Key questions and key findings
Balance of areas
Soil quality

FLORA, FAUNA AND PROTECTED AREAS OF NATURE

Key questions and key findings
Flora
Fauna
Biotopes
Care of protected parts of the nature

LANDSCAPE

Key questions and key findings
Development trends in the structure of areas
Fragmentation of countryside
Care of urban and rural environment
Monument fund
World heritage
Geo parks
Environmental burdens

IMPACTS OF ECONOMIC SECTORS ON THE ENVIRONMENT

INDUSTRY

Key questions and key findings
The impact of industrial production on the environment
Demand of industrial production on the exploitation of resources

MINING INDUSTRY

Key questions and key findings
Development of raw material extraction
Mining and environment

ENERGY

Key questions and key findings
Energy sources balance/Energy security

Energy intensity and energy efficiency
Sustainability
Impact of energy on the environment

TRANSPORT

Key questions and key findings
Passenger and freight transport
Number of vehicles
Transport infrastructure
Traffic accident rate
Demand of transport on the utilisation of resources
Impact of transport on environment

AGRICULTURE

Key questions and key findings
Structure of the agricultural land
Fertiliser and pesticides consumption
Impact of agriculture on environment
Organic farming
Production of renewable energy from agriculture

FORESTRY

Key questions and key findings
Forest area, functions and composition
Forest regeneration and standing volume
Timber felling and forest resources utilisation
Forest certification
Injurious agents and forests condition
Related activities and sectors

RECREATION AND TOURISM

Key questions and key findings
Specific analysis of recreation and tourism
Impact of recreation and tourism on the environment

MATERIAL FLOWS

Key questions and key findings
Domestic material consumption
Material intensity of the economy

WASTE

Key questions and key findings
Waste and waste management
Packaging and waste packaging
Transboundary movement of waste – waste import, export and transit

CLIMATE CHANGE

Key questions and key findings
Climate protection (targets, situation, trends and projections of greenhouse gas emissions, emission quotas trading)
Impacts of the climate change and adaptation on unfavourable consequences of the climate change (manifestations and trends of the climate change, impacts of the climate change on the individual areas, adaptation measures)

RISK FACTORS IN THE ENVIRONMENT

PHYSICAL RISK FACTORS

Key questions and key findings
Non-ionizing radiation
Ionizing radiation
Nuclear facility activities
Noise

CHEMICAL RISK FACTORS

Key questions and key findings
Xenobiotics in the food and forage

ACCIDENTS AND NATURAL DISASTERS

Key questions and key findings
Extraordinary deterioration of water quality
Extraordinary deterioration of air quality
Fire extent
Floods

GENETIC TECHNOLOGIES AND GENETICALLY MODIFIED ORGANISMS

Key questions and key findings
Using genetic technologies and genetically modified organisms

CARE OF THE ENVIRONMENT

ENVIRONMENTAL POLICY
ENVIRONMENTAL ORGANISATION
ENVIRONMENTAL LAW
ENVIRONMENTAL IMPACT ASSESSMENT
INTEGRATED PREVENTION AND POLLUTION CONTROL
PREVENTION AND REMEDY OF ENVIRONMENTAL DAMAGES
PREVENTION OF MAJOR INDUSTRIAL ACCIDENTS
ENVIRONMENTAL ASSESSMENT AND PRODUCT LABELLING
ENVIRONMENTAL MANAGEMENT AND AUDIT SYSTEM
GREEN PUBLIC PROCUREMENT
ENVIRONMENTAL EDUCATION AND TRAINING
ENVIRONMENTAL MONITORING AND INFORMATION SYSTEM

INTERNATIONAL COOPERATION

ENVIRONMENTAL ECONOMY

Key questions and key findings
Environmental costs and benefits
Environmental Fund
Selected economic instruments of environmental policy

THEME OF THE YEAR

LIST OF SELECTED USED ABBREVIATIONS

Note: Chapters highlighted in brown are included in the Report once per 4 years